

## SENCITY® Spot-L circular polarized Planar Antenna 1304.17.0008

### Description

SENCITY Spot-L planar antenna for 433 MHz ISM bands  
 Gain: 9 dBi  
 Polarisation: left circular  
 Frequency range: 430 - 437 MHz  
 Half power beamwidth: 68° / 70° (vert. / hor.)



### Product Configuration

### Technical Data

#### Electrical Data

	Band 1
Frequency (MHz)	430 - 437
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	9
3dB beamwidth (h) (°)	68
3dB beamwidth (v) (°)	70
Composite power max (W)	6
Ambient temperature (°C)	25
Front to back ratio (dB)	10.5
Sidelobes (h)	ETSI EN 301 525 V1.1.1 (2000-06) TS1, TS2
Vertical electrical tilt (°)	0

#### Ports

	Port 1
Connector	N, jack (female)
Polarization	circular left

#### General Data

#### Mechanical Data

Dimensions (mm) 371 x 371 x 40 (Height x Width x Depth)  
 Weight (kg) 2

#### Environmental Data

Environmental conditions indoor/outdoor  
 Operation temperature (°C) -55 to 71  
 Storage temperature (°C) -55 to 71  
 Transport temperature (°C) -55 to 71  
 IP rating IP67  
 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant  
 WEEE 2012/19/EU special marking needed  
 REACH 1907/2006/EC compliant

#### Material Data

Radome colour RAL 9002 (grey-white)  
 Radome material PC (Polycarbonate)  
 Back plate/base plate material Aluminium

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### Related Products

9091.99.0183 Down\_Sidetilt Bracket

### Related Documents

Mounting instruction	DOC-0000225623
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DPR-00120905